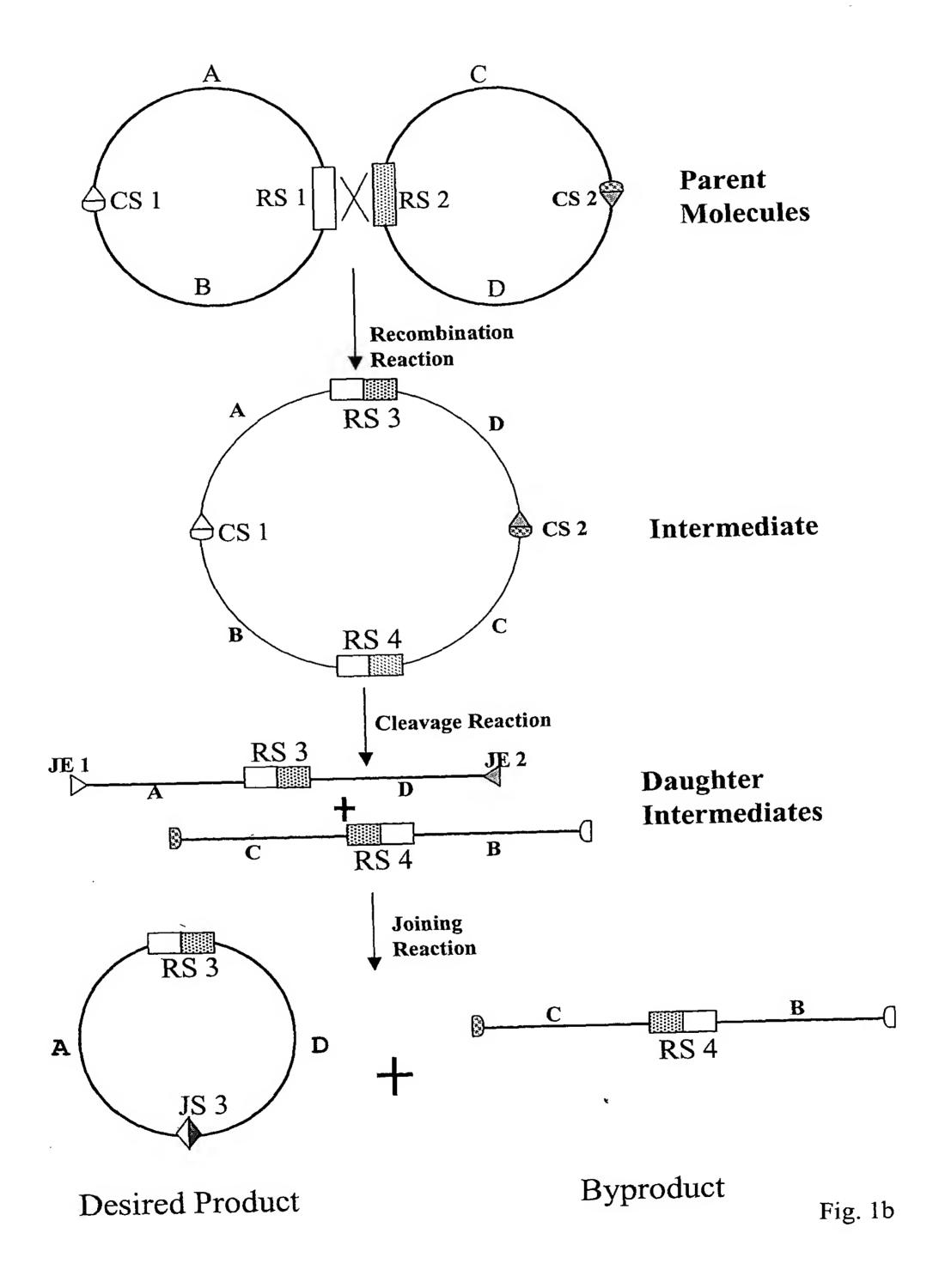


ŧ.

**Desired Product** 

Byproduct

Fig. 1a



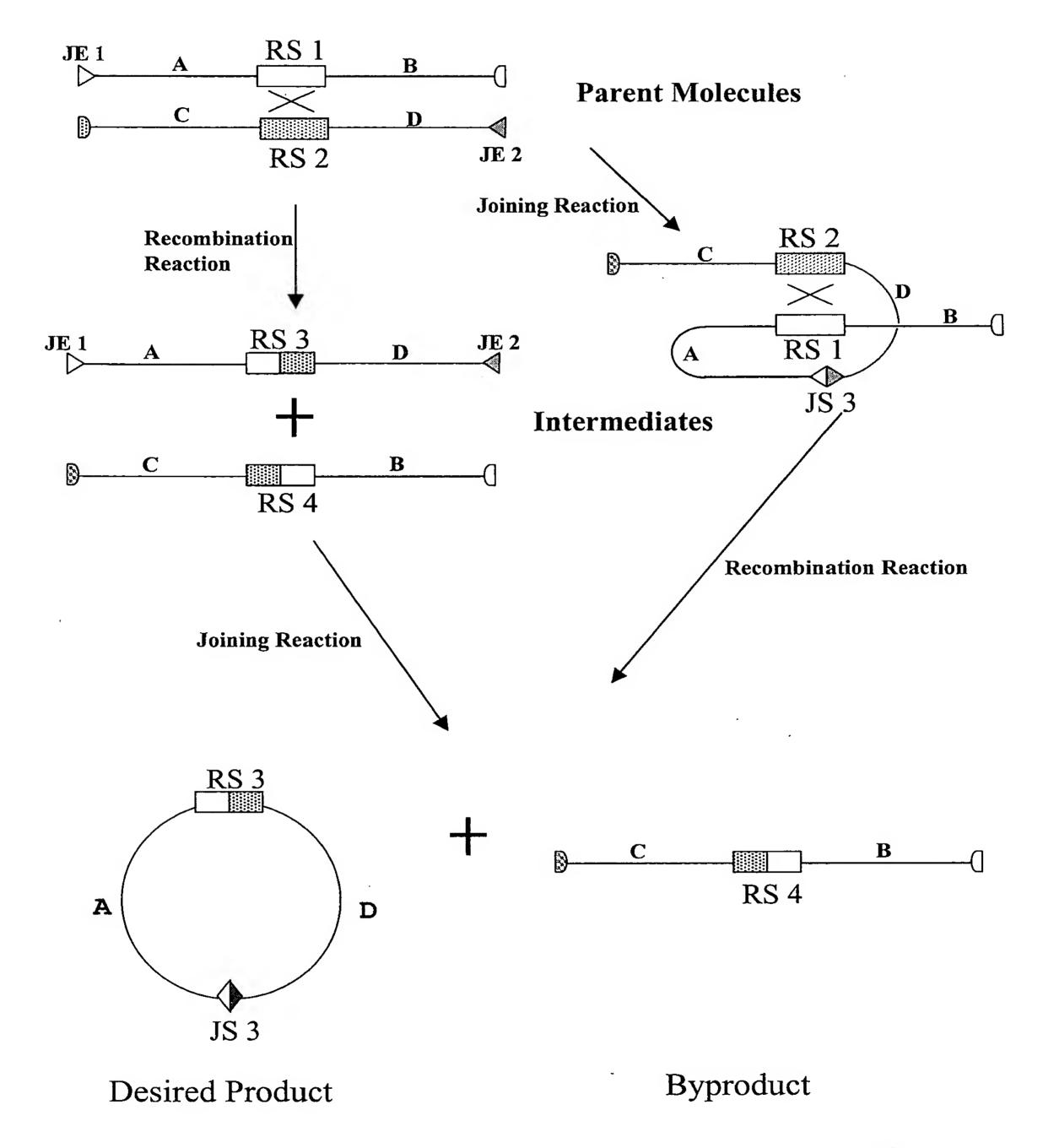


Fig. 1c

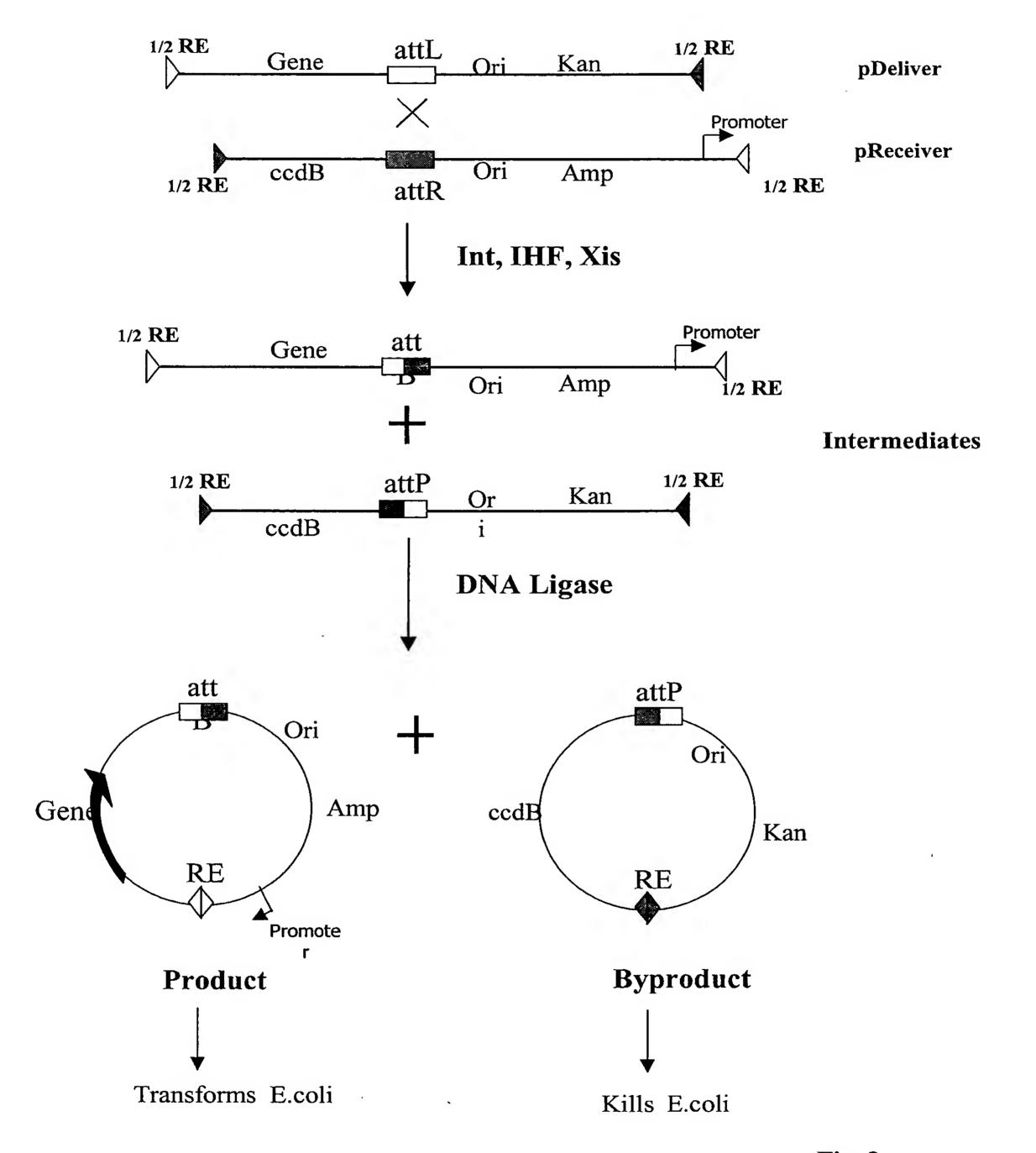


Fig. 2

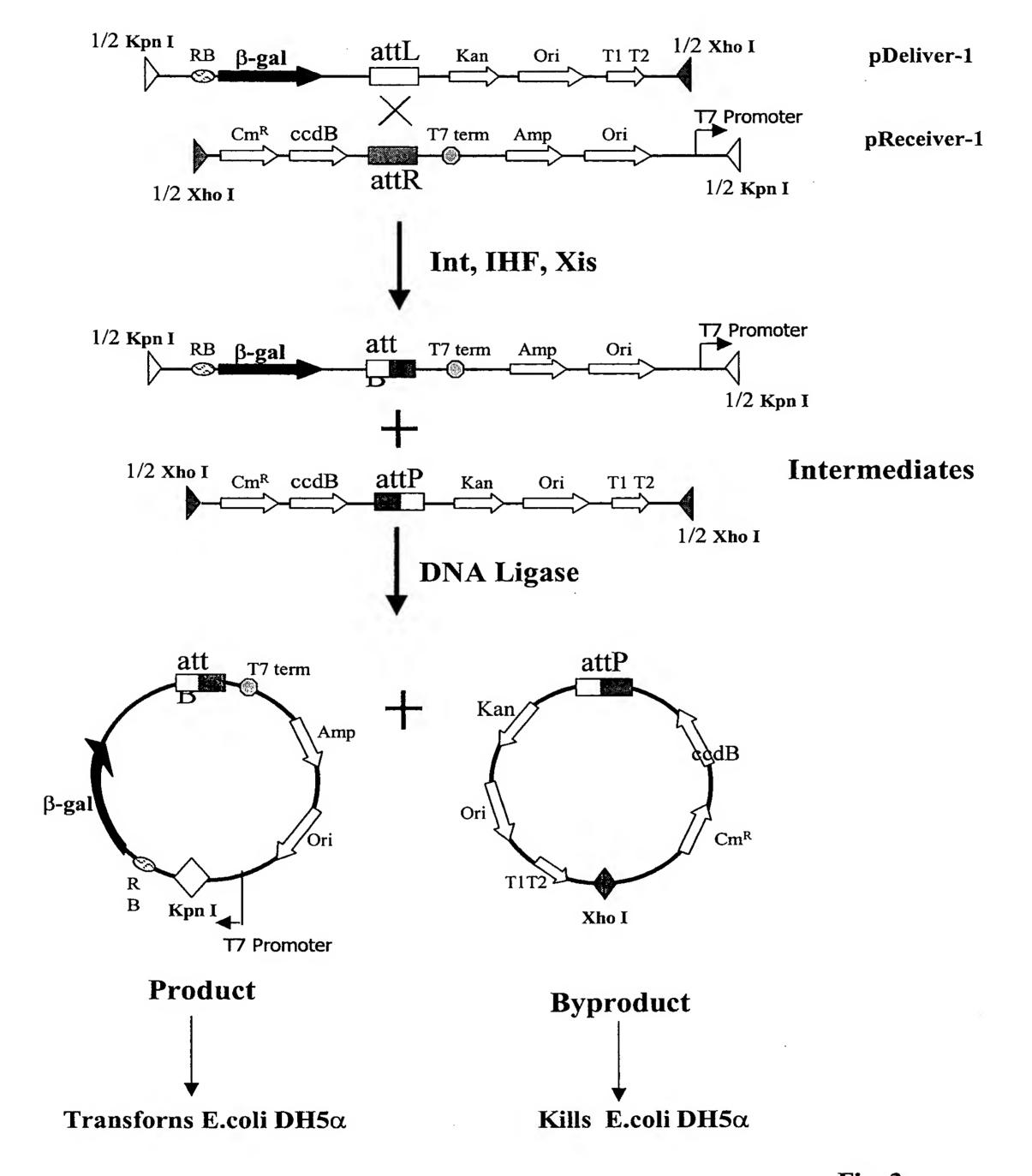


Fig. 3

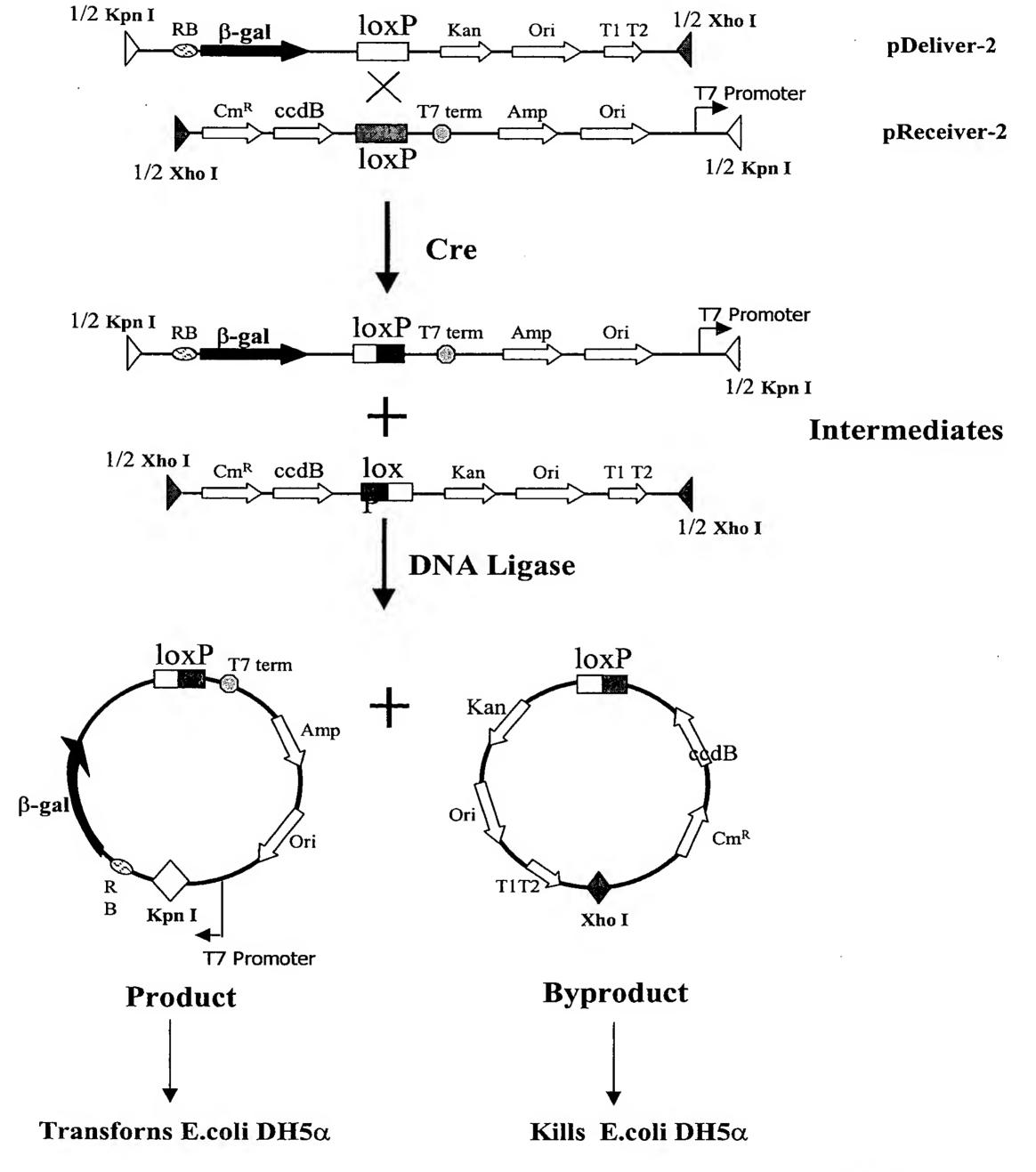
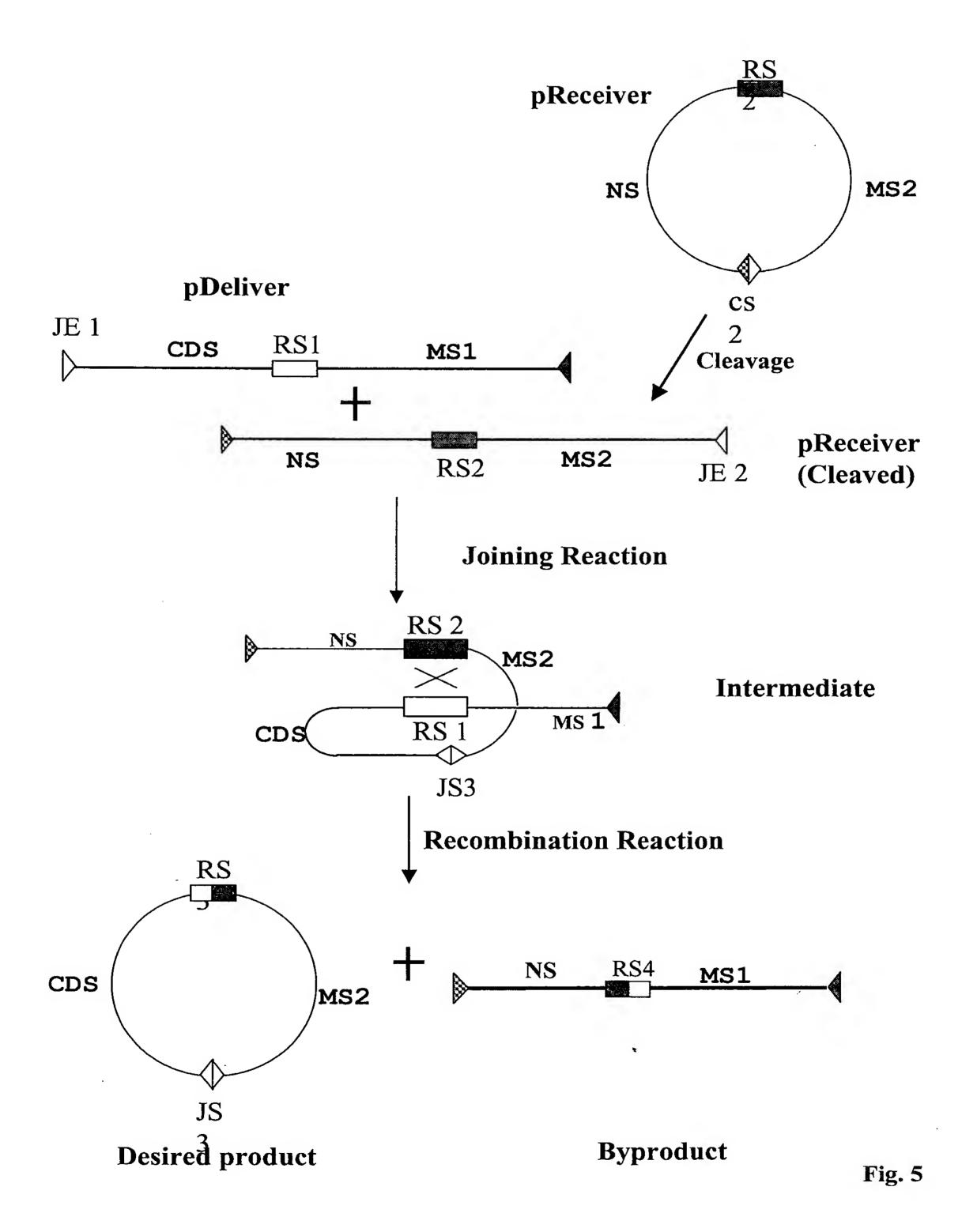


Fig. 4



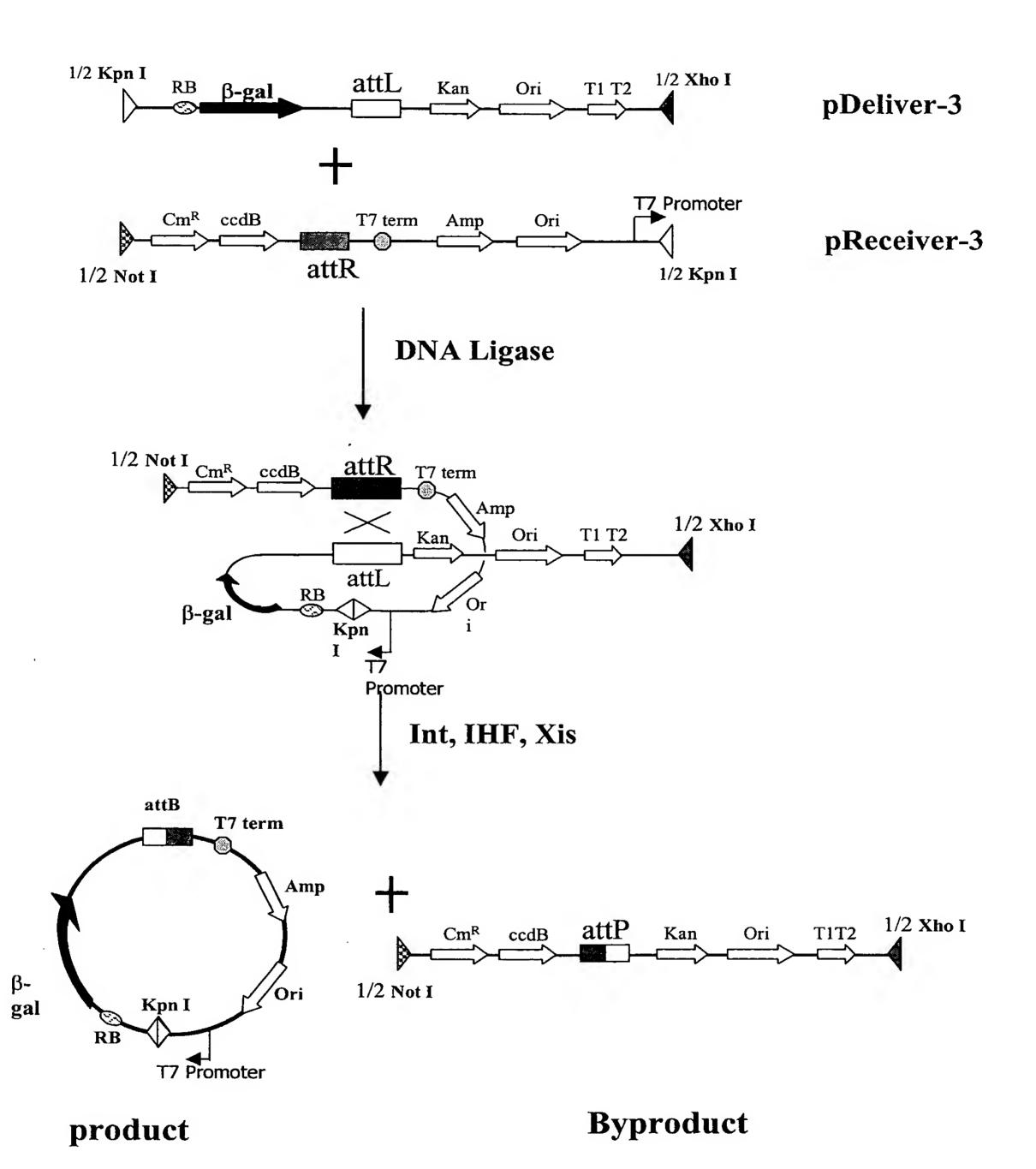
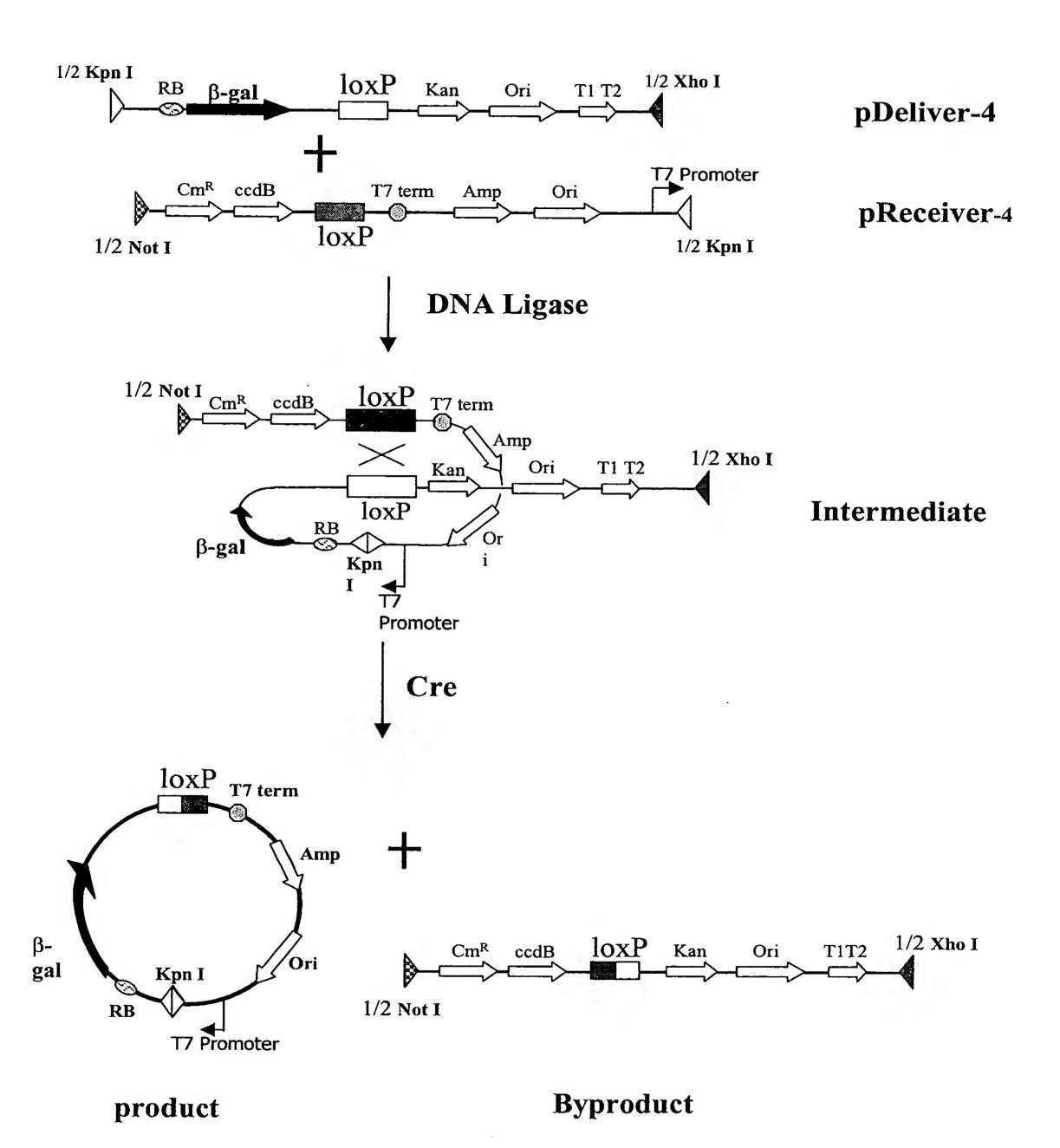
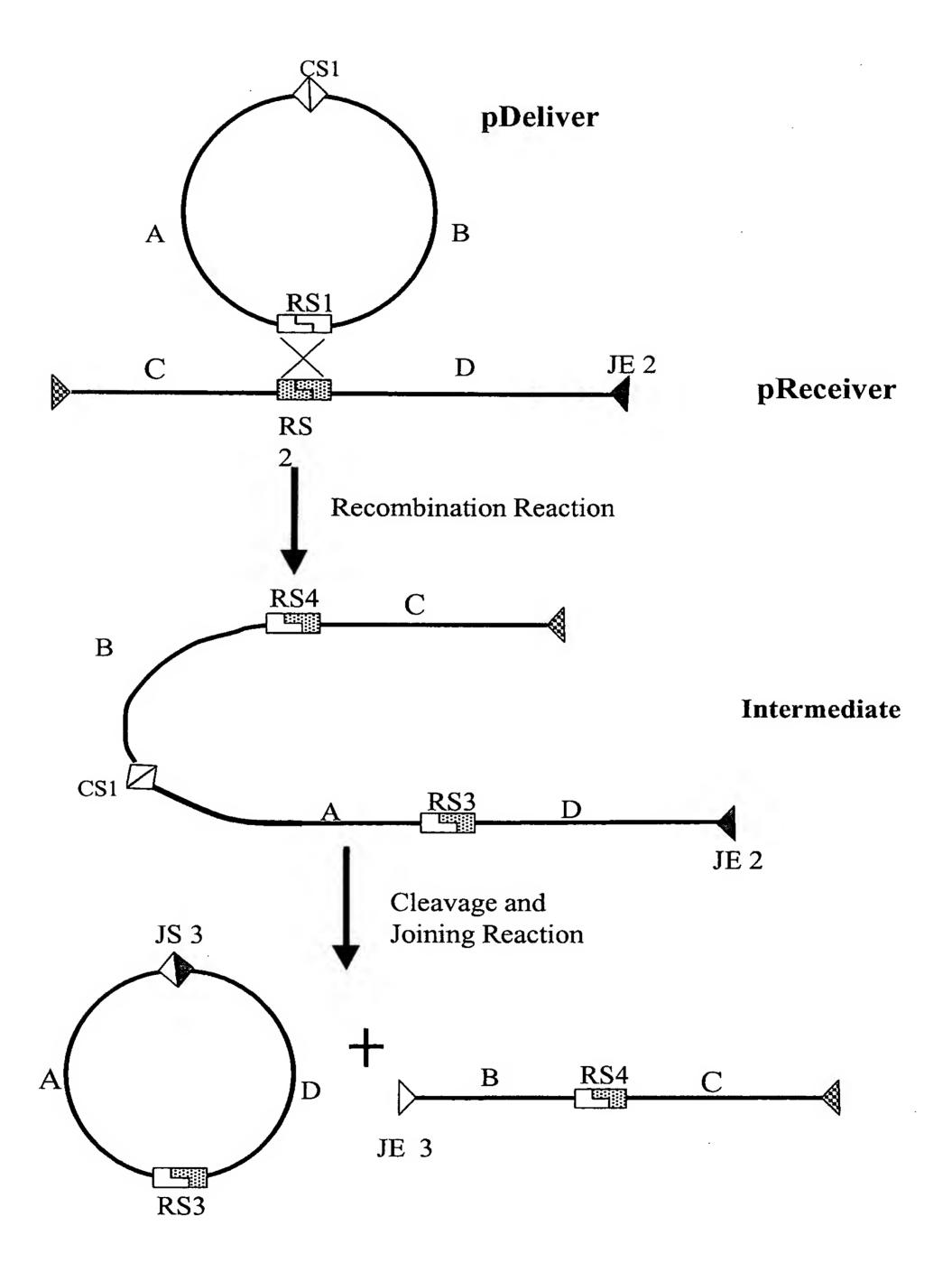


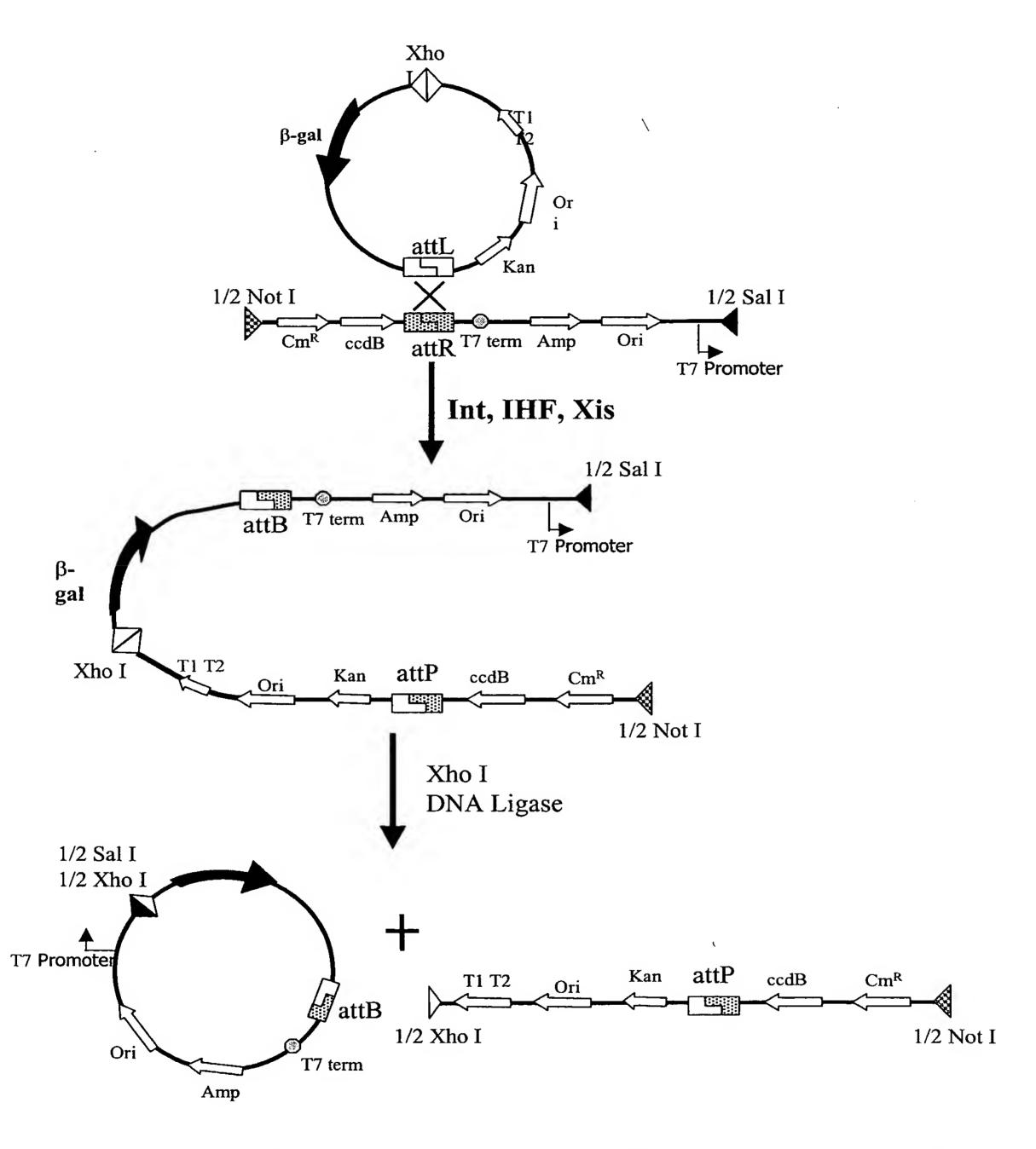
Fig 6



**Fig.** 7

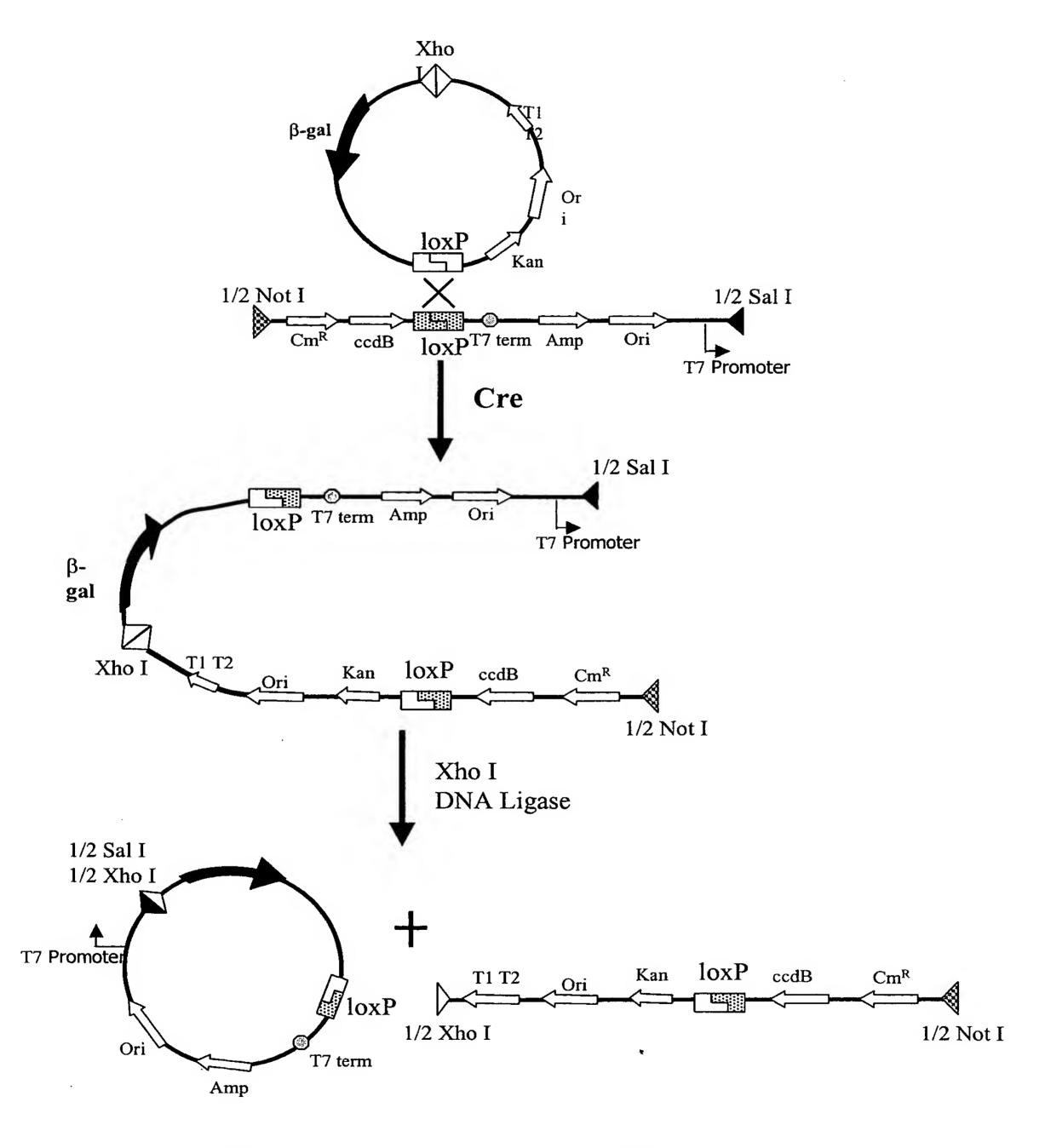


**Fig. 8** 



Product Byproduct

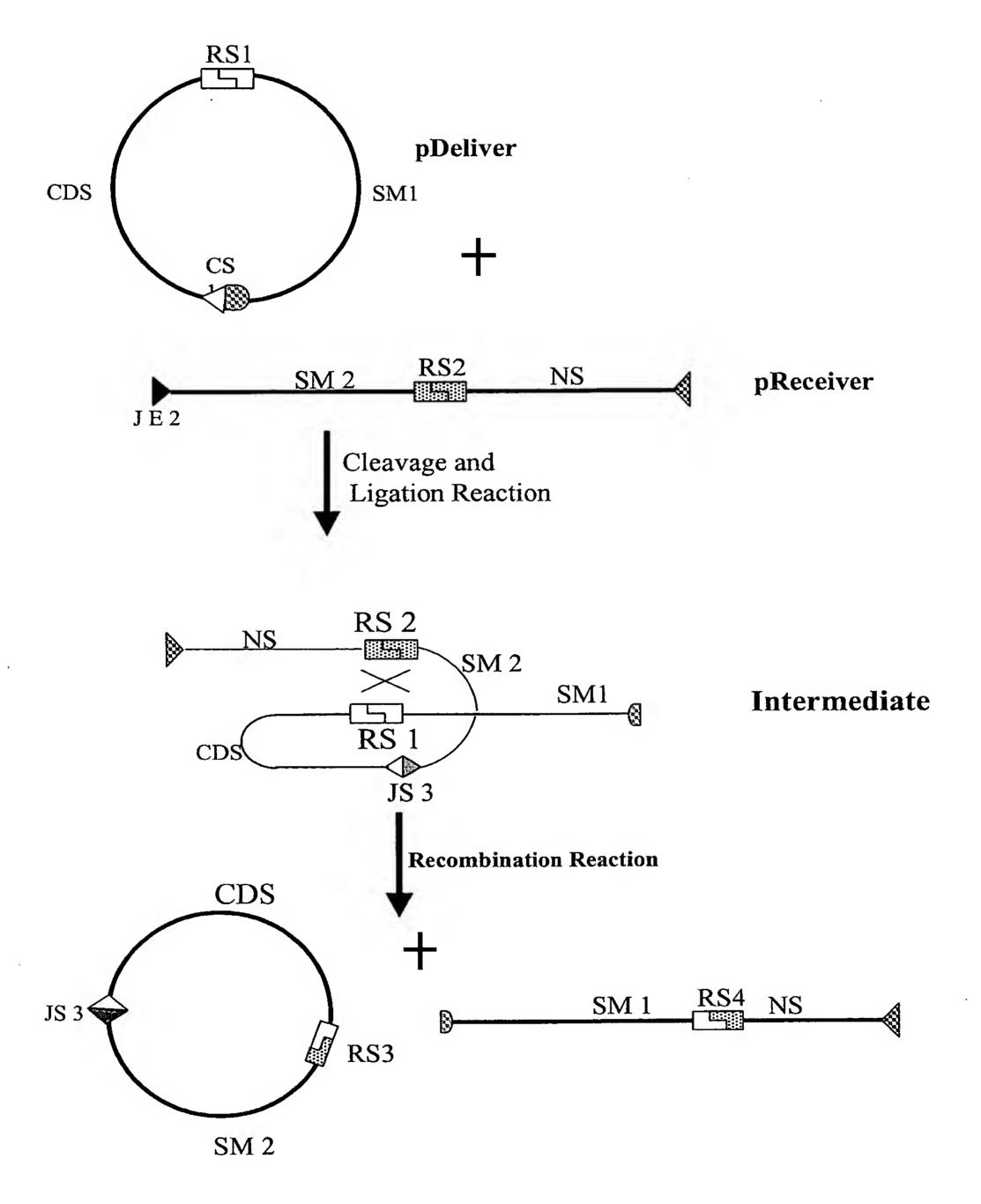
Fig. 9



**Product** 

Byproduct

Fig. 10



**Fig 11** 

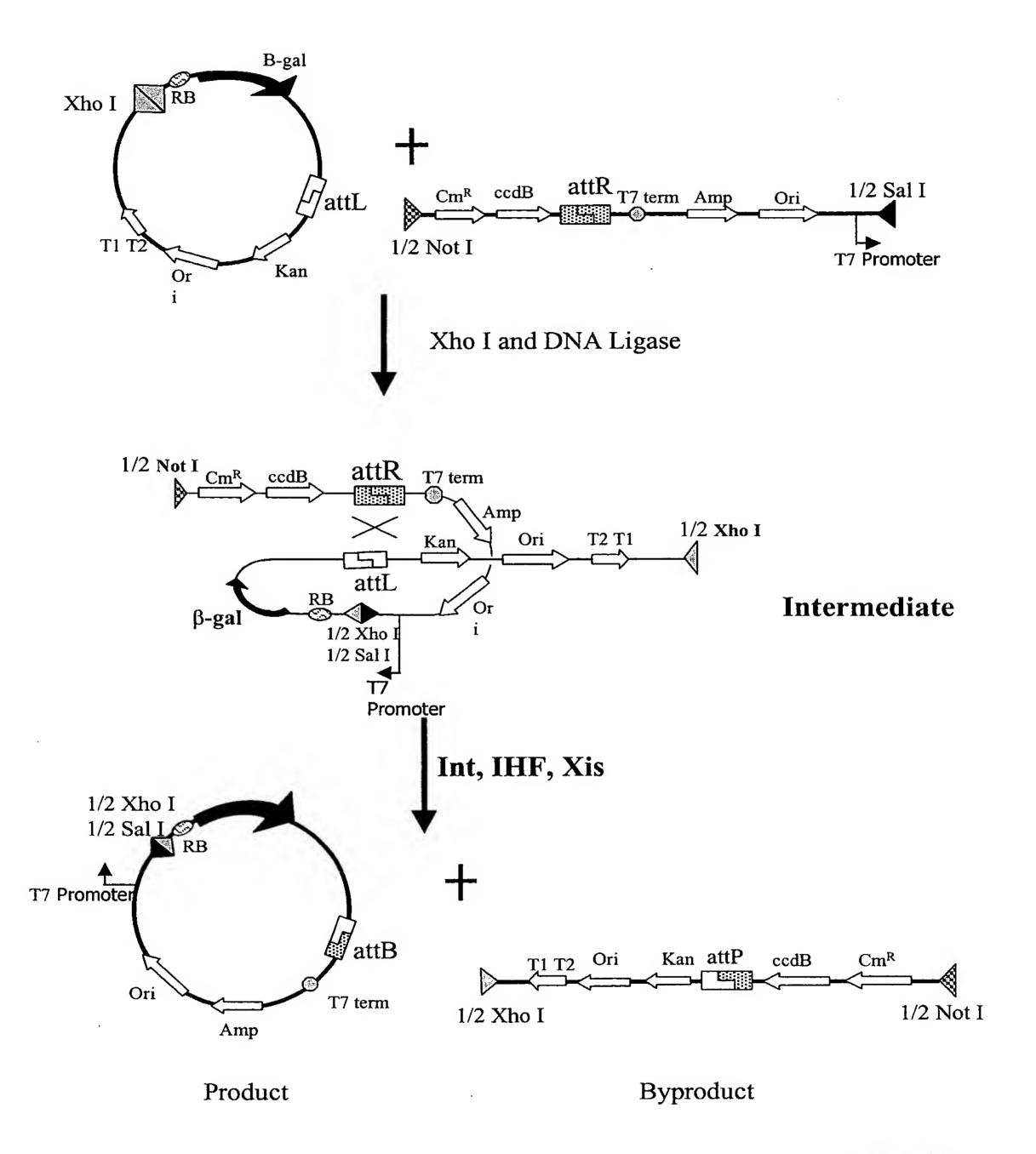
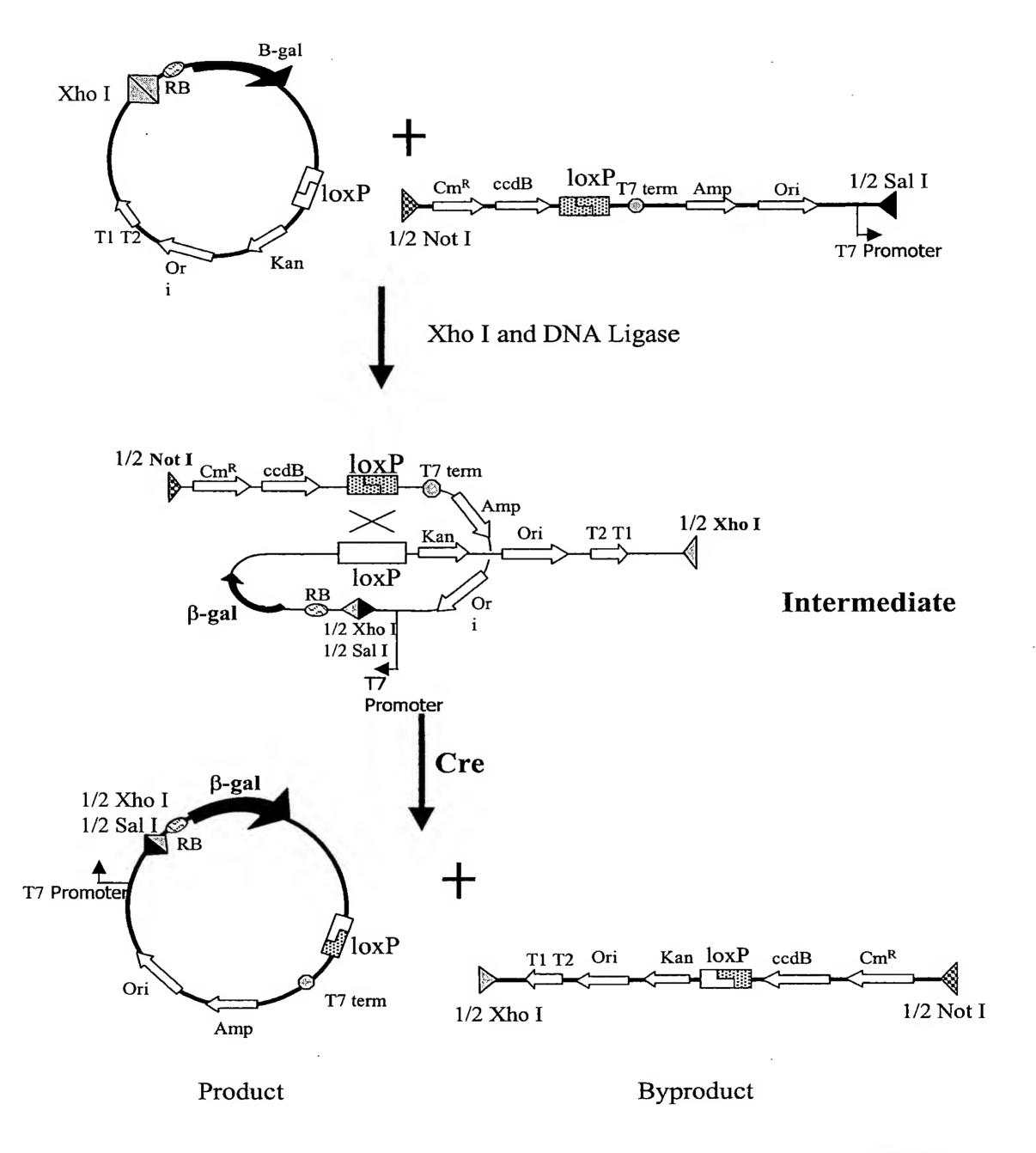
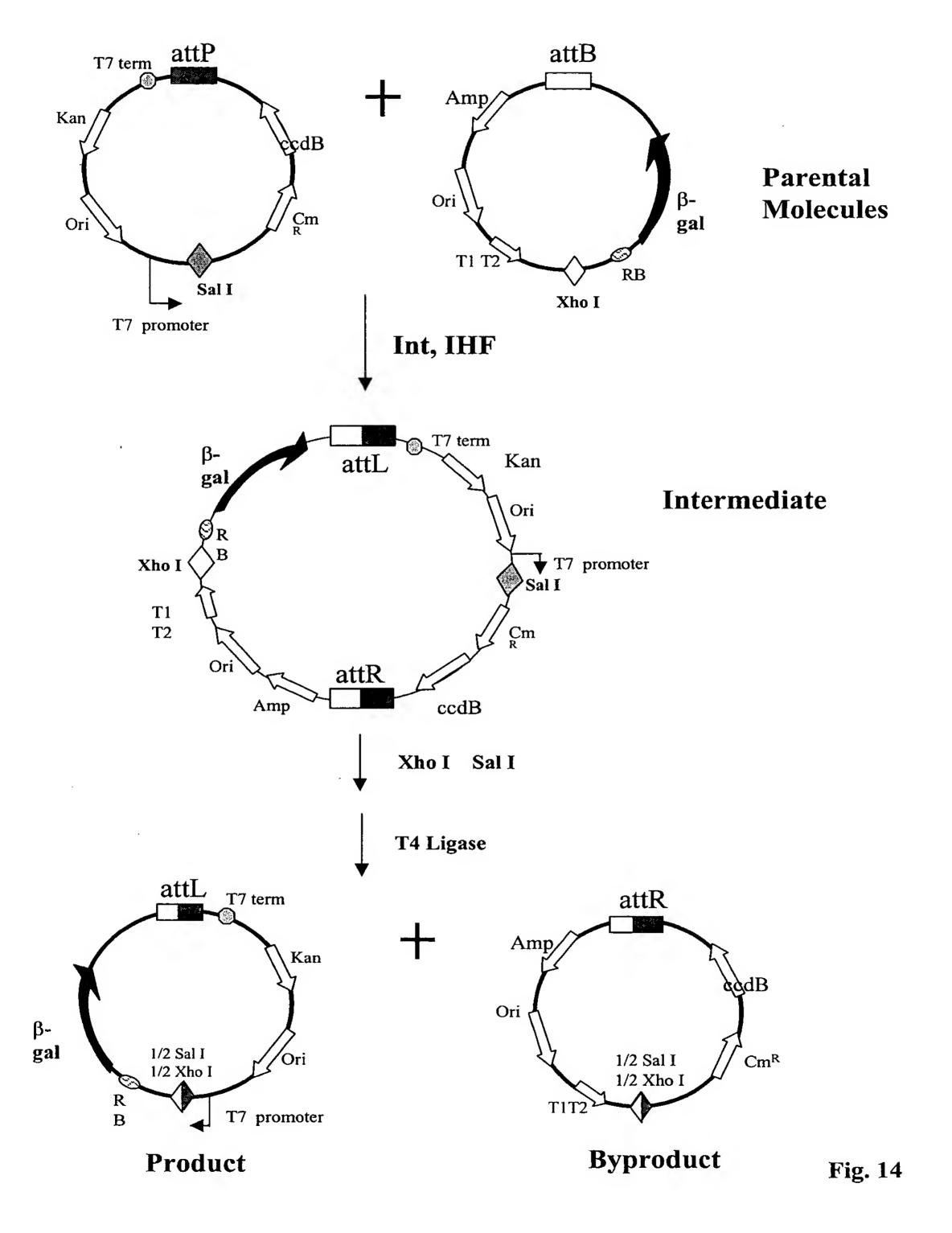
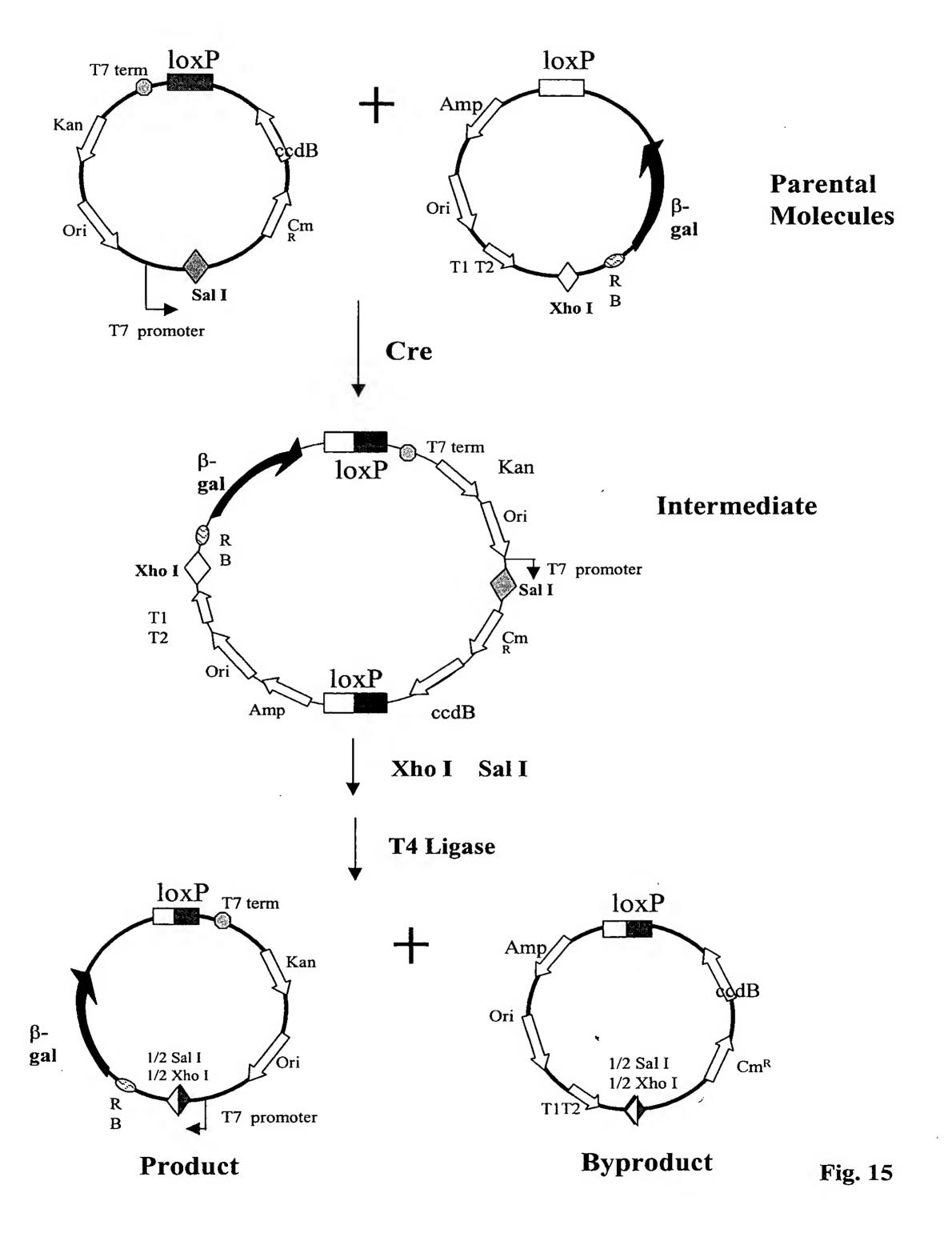


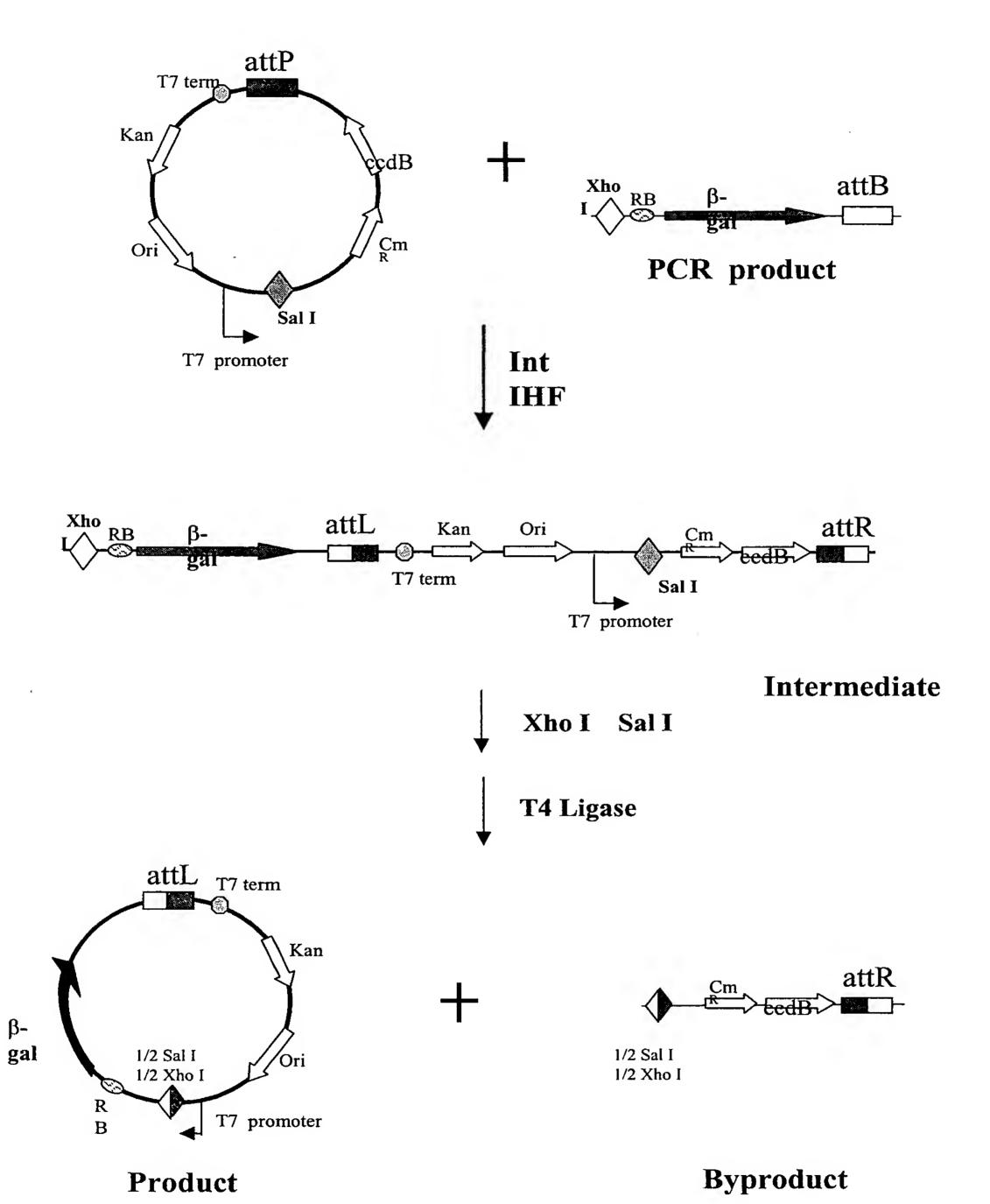
Fig. 12



**Fig.13** 







**Fig. 16** 

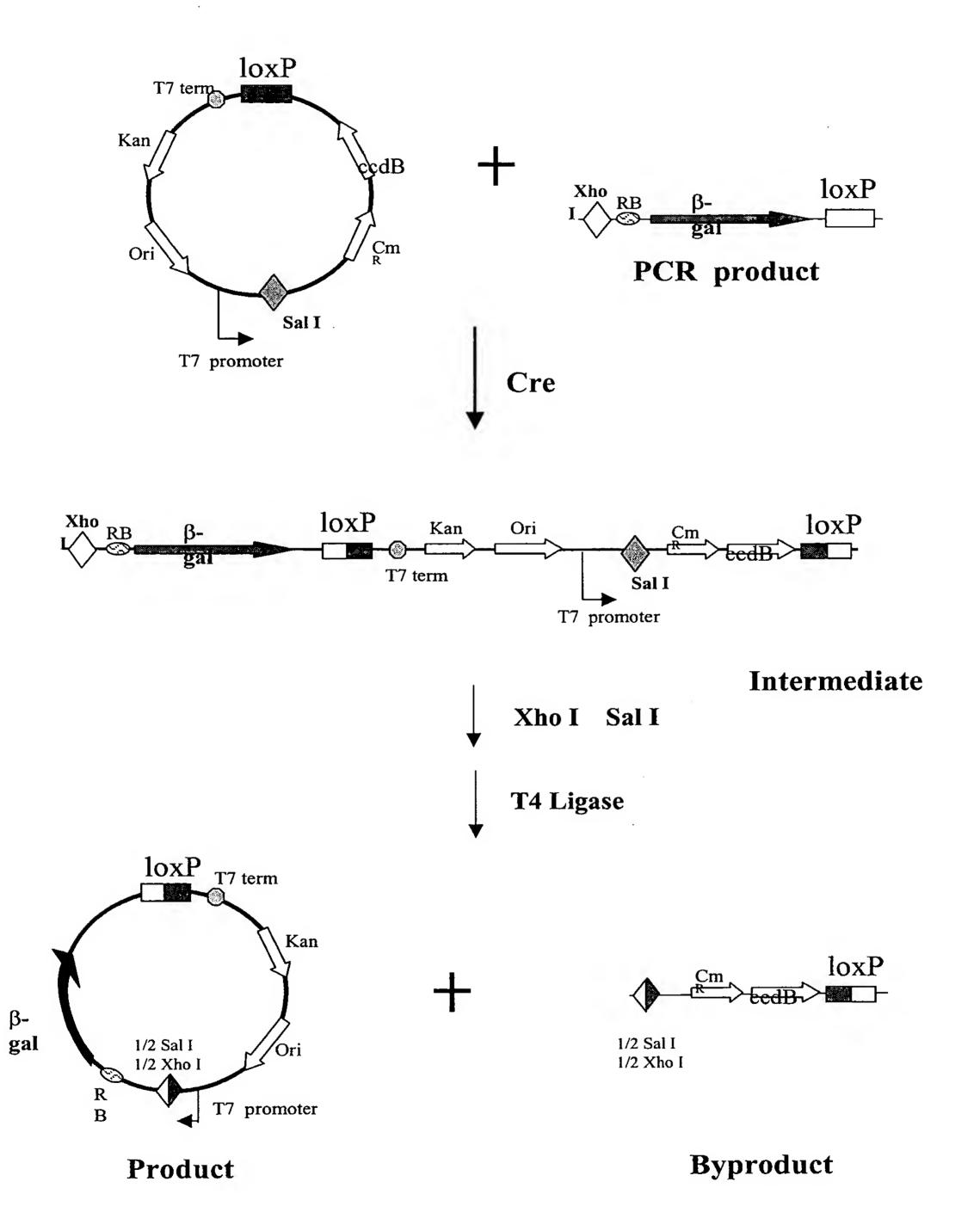


Fig. 17

## Two step PCR

## One step (Nest) PCR

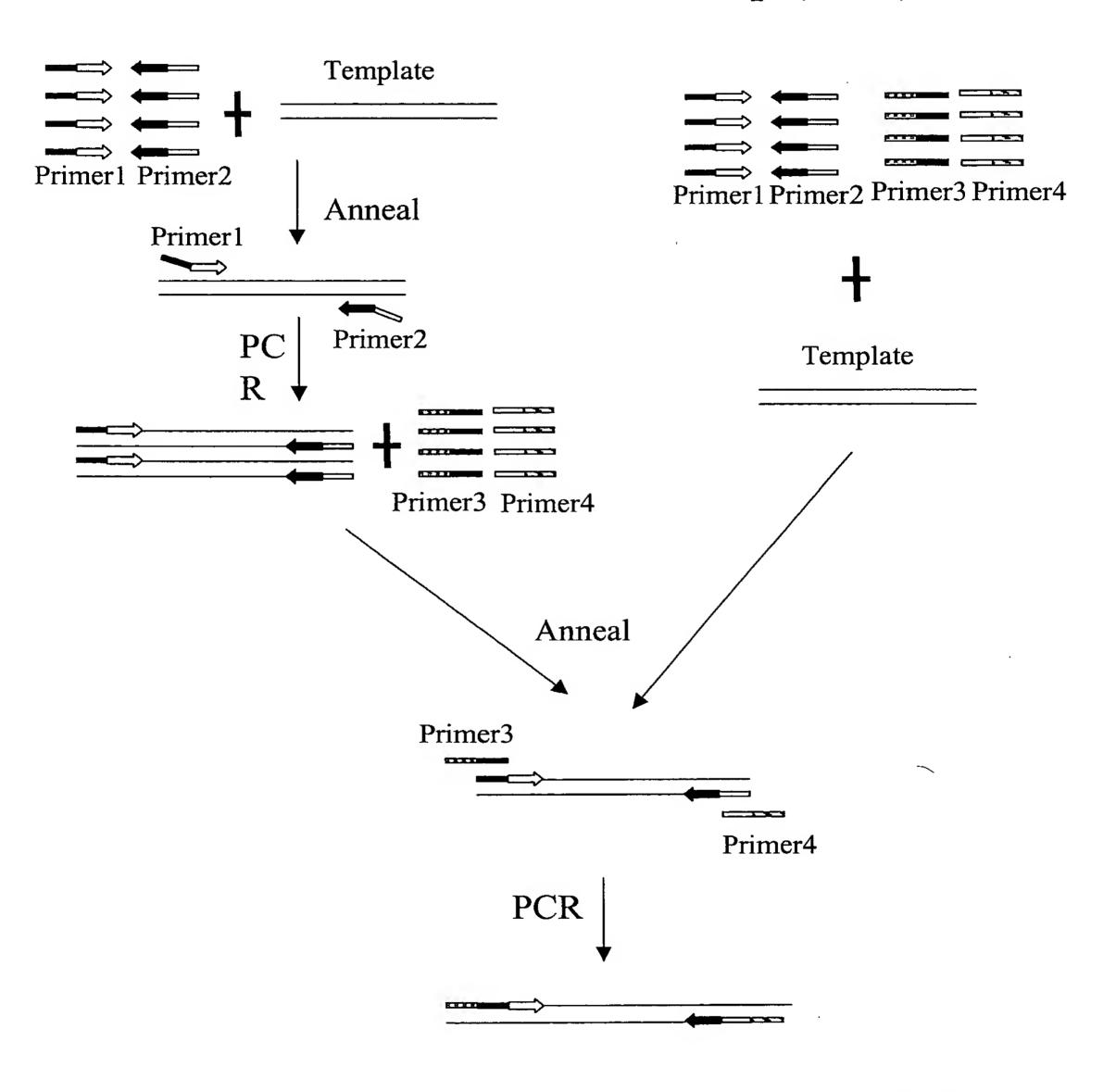
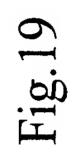
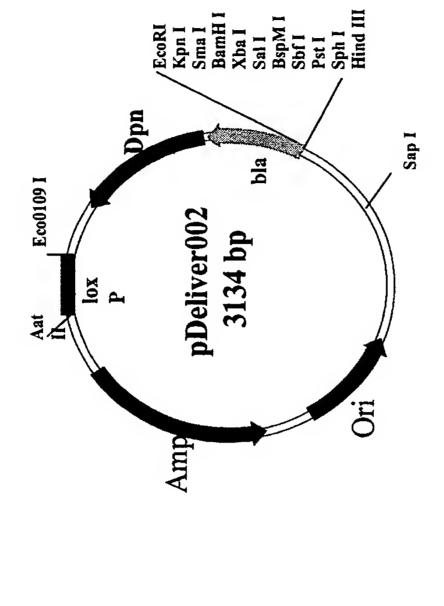
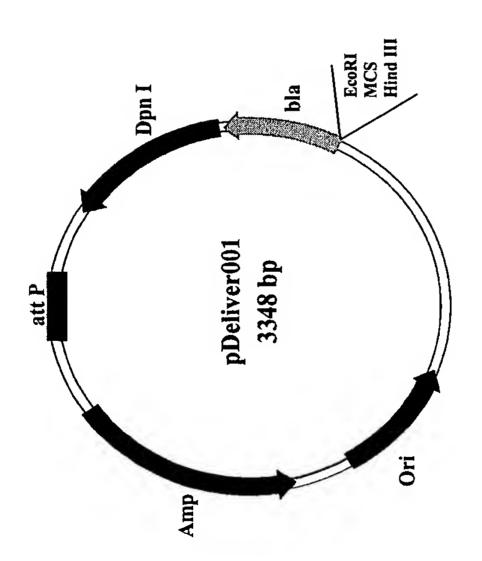
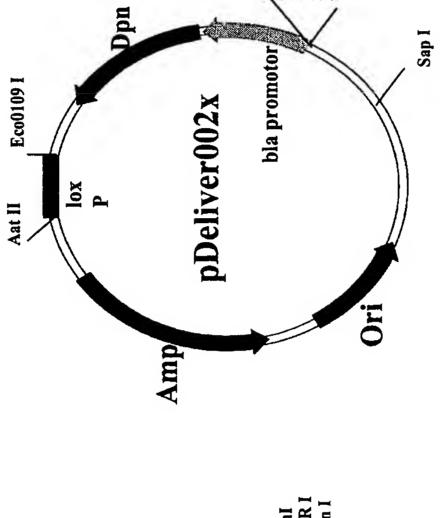


Fig.18









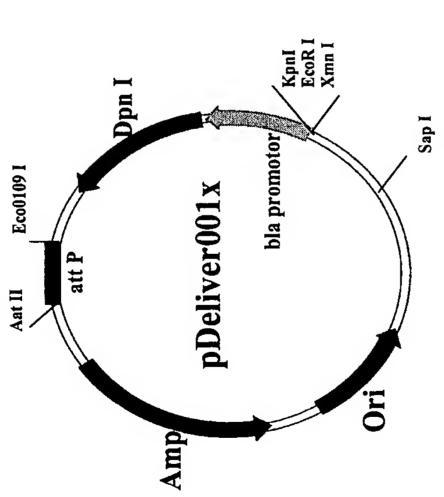


Fig.20

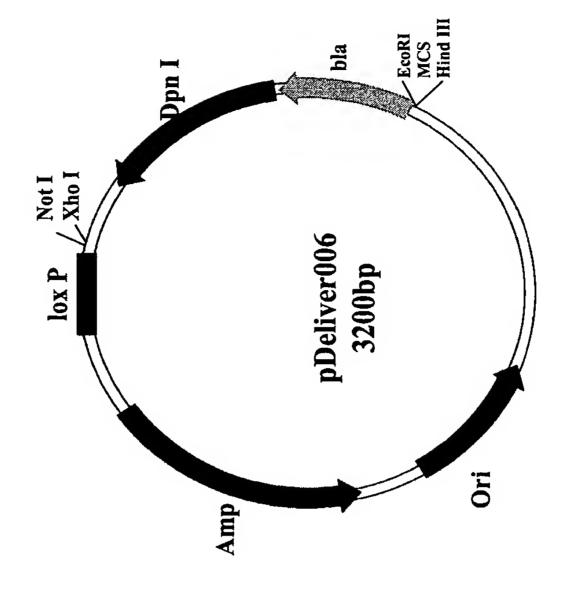
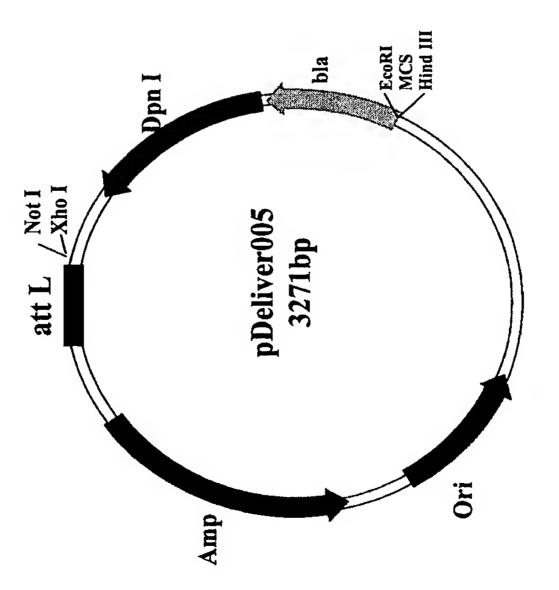


Fig. 21



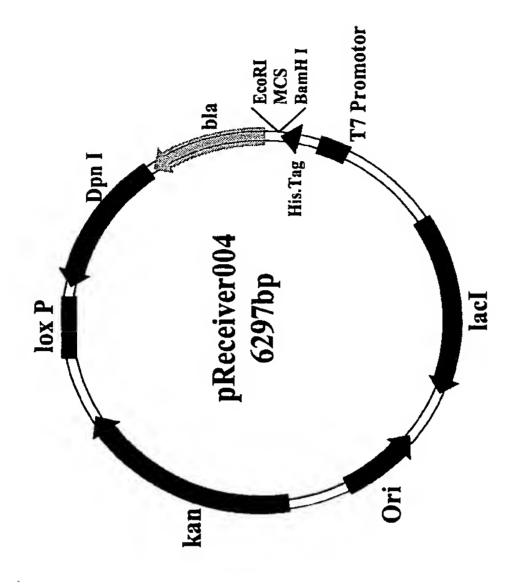
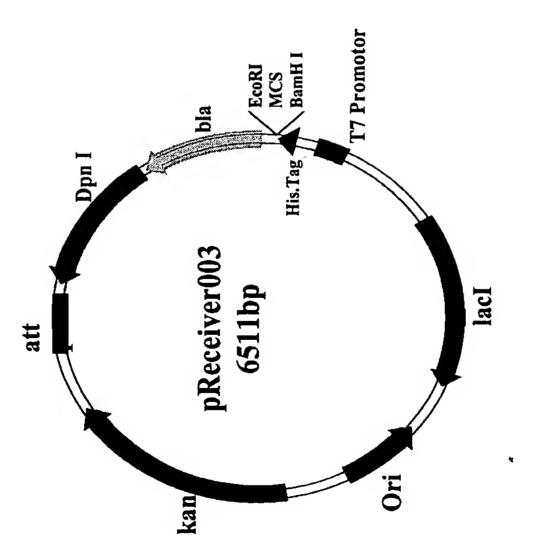
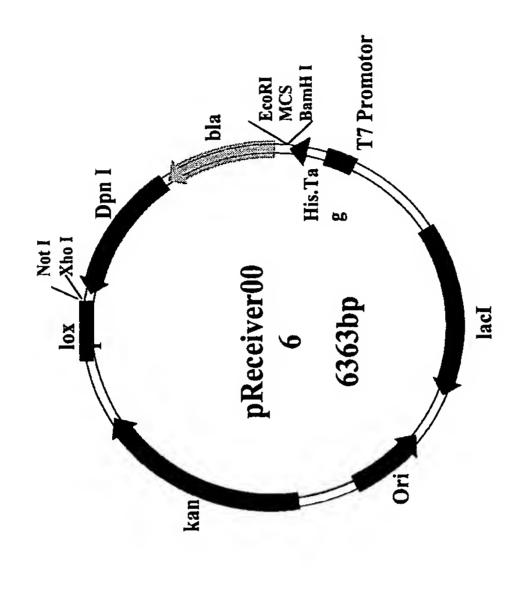
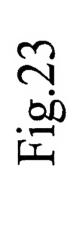
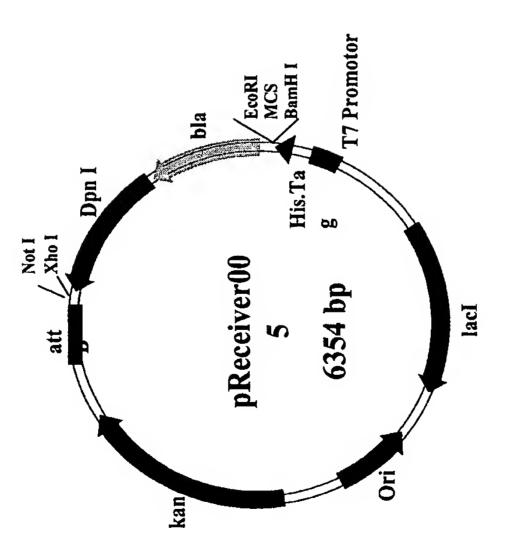


Fig. 22









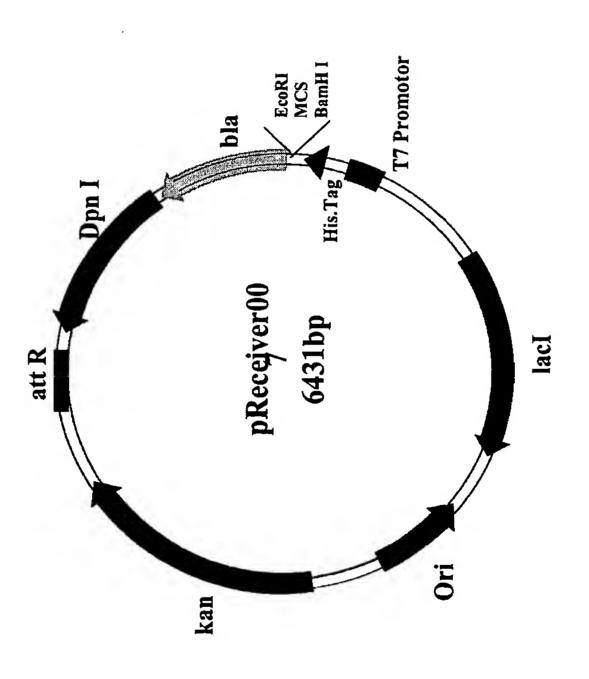
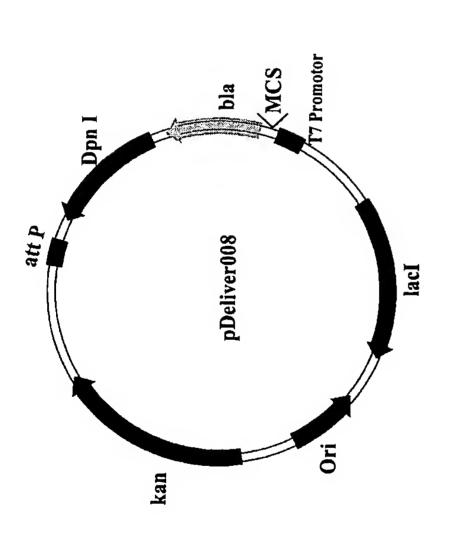


Fig.24



AGATCTCGATCCCGCGAAATTACGACTCACTATAGGGGAATTGTGAGCGGATAACAATTCCCCTCTAGAAGGAGTTCGAACCC NspV Xba I rbs lac operator T7 promotor pDeliver008 MCS:

AGATCTCGATCCCGCGAAATTACGACTCACTATAGGGGAATTGTGAGCGGATAACAATTCCCCTCTAGAAGGAATTCGGTACCC Kpn I Xba I rbs lac operator T7 promoto pDeliver008x MCS:

AGATCTCGATCCCGCGAAATTAATACGACTCACTATAGGGGAATTGTGAGCGGATAACAATTCCCCTCTAGAAGGAGTTTAAAACCC Xba I rbs Pme I lac operator T7 promotor pDeliver008y MCS:

Fig. 25

Neo Kan Kan Dpn I Dpn I

MCS:

pReceiver100

pReceiver 100

Nhe I\_Sma I BsrG I bla

Fig.26